Extend a DVI display up to 100 meters (328 feet)

- High speed and long distance transmission by optical system up to 100 meters (328 feet).
  - Hybrid cable containing both fiber optic and copper cores.
    - RGB and Clock signals are transmitted by optical fiber.
    - DDC signal is transmitted by copper line.
- Supports HDTV resolutions to 1080p, and up to 1920x1200 (WUXGA).
- No loss of signal – delivering crystal clear digital images instantly.
- HDCP compliant.
- No external power required.
- Optical fibers immune to signal noise.
- Low RFI/EMI for sensitive applications.
- Supports Plug-n-Play specification.
- EDID pass-through for the support of any DVI display device.
- Use with HDMIM-DVIDF HDMI Male to DVI-D Female Adapter to connect to an HDMI source or display.
- Ideal solution for many applications, including:
  - Digital Signage
  - Medical Imaging Equipment
  - Airplane On-board Video System
  - TV Broadcast Station
  - Conference Room Video Equipment

DIGITAL SIGNAGE

XTENDEX® DVI-FO-xx-MM

- **Supports HDTV resolutions to 1080p, and up to 1920x1200 (WUXGA)**
- **No power supply required**
- **TAA compliant**

The XTENDEX® DVI Active Optical Cable locates a DVI display up to 100 meters (328 feet) from a video source. Using optical fiber, the DVI-FO-xx-MM provides high reliability DVI signal transmission with zero signal loss in high noise environments.

Specifications

- Compatible with computers and video sources (satellite receivers, DVD players, etc) with female DVI-D dual link output connectors.
- Connectors: Male DVI-D dual link connectors.
- Single link digital DVI signal.
  - Signal bandwidth: 1.65Gbps (Single Link).
- Resolution: supports HDTV resolutions to 1080p, and up to 1920x1200 (WUXGA).
- Compatible with DDWG DVI standard.
- Optical source: 850 nm VCSEL.
- O/E Converter: PIN photo diode.
- Fiber: H-PCF graded index multimode fiber.
- Cable thickness: 7.2 mm (0.28 in)
- Bend radius: up to 48mm (1.89 in)
- Available lengths: 33/49/65/82/98 feet (10/15/20/25/30 meters)
  - Contact an NTI product consultant for additional lengths up to 328 feet (100 meters).

Environmental

- Operating temperature: 32 to 122°F (0 to 50°C).
- Storage temperature: -4 to 158°F (-20 to 70°C).

Regulatory Approval

- CE, FCC, RoHS
- TAA compliant

Warranty

- Two years